

Hoffman, Timothy <tim.hoffman@dinsmore.com>

Tue 2/25/2020 9:22 AM

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To:

- Kolak, Shari

Cc:

- Hersh, Stuart;
- john@maksolve.com

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355 bytes

Spinnaker EA6 Sampling Proposal.PDF

665 KB

2 attachments (665 KB)Download allSave all to OneDrive - Environmental Protection Agency (EPA)

Hello Shari and Stu. Attached please find a proposal from MakSolve to perform additional sampling in the EA6 area for the purpose better defining the scope of materials that will be removed. Shari please feel free to reach out to John Bowen at MakSolve to discuss. We are planning to schedule this work in mid-March. Thanks. Tim.

Timothy D. Hoffman

Partner

Dinsmore & Shohl LLP • Legal Counsel

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One South Main Street, Suite 1300

Dayton, OH 45402

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Label: Permanent (Capstone approach) Expires: Never

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Kolak, Shari

Thu 2/6/2020 10:54 AM

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To:

- Hoffman, Timothy <tim.hoffman@dinsmore.com>

Cc:

- Hersh, Stuart

Tim,

Our model UAO and RD/RA Scope of Work is on our EPA website, which may help answer some of your questions regarding document submittals, etc. If link doesn't work, you can always google it... Shari

<https://www.epa.gov/enforcement/guidance-2015-cercla-rdra-uao-and-sow>

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Kolak, Shari

Thu 2/6/2020 10:26 AM

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To:

- Hoffman, Timothy <tim.hoffman@dinsmore.com>

Sounds good.

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Label: Permanent (Capstone approach) Expires: Never
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Hoffman, Timothy <tim.hoffman@dinsmore.com>

Thu 2/6/2020 10:25 AM

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Reply all

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Forward

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To:

- Kolak, Shari

Cc:

- Hersh, Stuart;
- john@maksolve.com

ATT00001.txt

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Hello Shari. I just talked with Stu and I wanted to let you know to expect contact from John Bowen at MakSolve in the next few days. I understand you may have already begun drafting a scope of work. I think the best avenue will be for you and John to work through all that for our purposes re EA6. Thanks. Tim.

Timothy D. Hoffman

Partner

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February 21, 2020

Timothy D. Hoffman, Partner
Dinsmore & Shohl, LLP
Fifth Third Center, Suite 1300
Dayton, OH 45402

**RE: Proposal – Phase II Limited Subsurface Investigation
Spinnaker Coating, LLC EA-6
518 East Water Street
Troy, Miami County, Ohio 45373
Proposal Number 021920-21**

Dear Mr. Hoffman:

MAKSolve is pleased to present this proposal to assess subsurface conditions at the above-noted property. As part of its assessment of the East Troy Contaminated Aquifer Superfund Site, U.S. EPA Region 5 prepared an Interim Record of Decision (IROD) for Source Area Cleanup including selected remedies based on media. The Soils Alternative S-2 (Excavation and Off-Site Disposal) remedy, was selected to address an area of contamination identified by U.S. EPA as "EA-6" which is located under the asphalt covered portion of the western parking lot at Spinnaker Coating, LLC. This area is roughly rectangular in shape and encompasses approximately 3,175 square feet of surface area. As the chemicals of concern include trichloroethylene (TCE) and tetrachloroethylene (PCE), the potential exists for portions of the excavated soils to be considered hazardous, based on its toxicity characteristics.

Therefore, to facilitate a direct load-out of the contaminated media, as part of the Excavation and Off-Site Disposal action, MAK Solve recommends conducting a limited subsurface investigation within the boundaries of EA-6. The investigation is designed to assess total volatile organic compound (VOC) concentrations and toxic characteristic leaching procedure (TCLP) concentrations in-situ, to more accurately estimate the total volume of soils to be removed and what volume of those soils will require disposal as hazardous waste. As such, MAK Solve has prepared the following scope of services to execute this task:

SCOPE of SERVICE

1. Schedule, as mandated by the State of Ohio, a utilities clearance by the Ohio Utility Protection Service (OUPS).
2. Coordinate with a private subcontractor using geophysical surveying methods to survey the subject property for utility clearance purposes.
3. Mobilize to the site a minimum of 48 hours after calling OUPS and advance two soil borings at evenly-spaced, 10 foot intervals, the 130-foot length of EA-6, for a total of 26 soil borings. The borings will be advanced to a maximum depth of 10 feet below ground surface (bgs). Soil samples will be collected using direct-push technology.
4. During execution of the soil borings, soil samples will be continuously collected, lithologically classified and will be visually inspected and field screened with a photoionization detector (PID). Two soil samples from each boring, exhibiting the greatest potential for impact (i.e. highest PID reading, odors, staining, soil-water interface, etc.) will be selected for laboratory analysis. Soils samples will be collected in conformance with USEPA SW-846 Method 5035. Each soil sample will be split into two equal aliquots, and both submitted to ALS Environmental, in Blue Ash, Ohio. One of the split samples will be analyzed for volatile organic compounds (VOCs), per the Test Method 8260. Based on the results of the initial analysis, fifty percent of the second aliquot soils exhibiting VOC concentrations exceeding their applicable Remedial Action Levels (RAL), as presented in the U.S. EPA IROD, dated September 2018, will also be analyzed for VOCs, using TCLP.
5. Upon completion of each soil boring, the boring will be backfilled with a mixture of soil from the borehole and bentonite clay pellets to a point even with the base of the finished grade, depending on the location of the boring.
6. Utilizing the data and information retrieved as part of the previously described field activities, MAKsolve will generate a report with applicable diagrams and boring logs, comparing total VOC concentrations in the soils to their appropriate RALs. All TCLP VOC analysis, will be compared to the U.S. EPA *Maximum concentration of contaminants for the toxicity characteristic, as determined by the TCLP*.
7. Based on the results of the investigation, MAKsolve will prepare a letter report, compiling an estimate of the volume of soils exceeding the RALs, for which removal is required. In addition, MAKsolve will determine which of those soils being removed will require disposal as hazardous waste.

The above-described work will be performed in accordance with the standards of due care and diligence as practiced by professional firms in performing such similar in nature services. Payment terms are net 30 days. Any scope deviation or client requested deviation from the above specifications involving extra costs will be executed only upon receipt of written approval, and will become an extra fee over and above the estimate.

SCHEDULE and COST

MAKSolve can commence the work as described following applicable clearances and deliver the Phase II limited subsurface investigation report within 10 business days following receipt of analytical data for a fixed fee of [REDACTED]. The field work is anticipated to be completed in one day, depending weather, depth to groundwater, accessibility and sub-surface limitations.

MAKSolve appreciates the opportunity to provide you with this work plan and we look forward to working with you on this important project. If the scope and fee are acceptable, please sign the "Authorization to Proceed" form provided and return it to us. If you need additional information or have any questions, please call me at (937) 815-6949.

Sincerely,

MAKSolve



Michael A. Kerr, CHMM
President



John Bowen
Vice-President of Operations